



MATERIAL SAFETY DATA SHEET

SUPPLIER:

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N.D.: NO DATA AVAILABLE N.A.: NOT APPLICABLE

SECTION 1 – PRODUCT IDENTIFICATION

COMMERCIAL NAME: DODIVIDE SOLUTION 10%
CHEMICAL NAME: Povidone Iodine aqueous solution
CHEMICAL FORMULA: PVP-Iodine; (C₆H₉NO)_n.xI₂
CHEMICAL FAMILY: Polyvinylpyrrolidone K30 & Iodine
CODE: P095-410
PRODUCT USE: Skin antibacterial disinfectant.
WHMIS CLASSIFICATION: N.A. pharmaceutical are not regulated
TDG CLASSIFICATION: N.A.

SECTION 2 – INGREDIENTS

CONTROLLED INGREDIENTS (Over 1% (w/w)):

POVIDONE-IODINE: CAS: 25655-41-8 10%
LD₅₀ (RAT-ORAL)=5990 mg/Kg

SECTION 3 - PHYSICAL CHARACTERISTICS

PHYSICAL STATE, ODOR & APPEARANCE: Dark brownish liquid.
THRESHOLD ODOUR: N.D.
BOILING POINT: 88 - 92°C
pH AT 25°C: 1.5 – 6.5
SPECIFIC GRAVITY AT 25°C. (water=1): 1.04
VAPOUR PRESSURE mmHg AT 20°C: N.D.
VAPOUR DENSITY (air=1): N.D.
WATER SOLUBILITY: Complete water solubility
FREEZING POINT: N.D.
EVAPORATION RATE: N.D.
PARTITION COEFFICIENT (WATER/OIL): N.D. miscible with water.
FLASH POINT: >100°C.
AUTOIGNITION TEMPERATURE: N.A.

SECTION 4 - REACTIVITY

STABILITY: Chemically stable under normal conditions.
CONDITIONS TO AVOID: Avoid exposure to temperatures over 30C.
INCOMPATIBILITE: Incompatible with strong acids & alkalis and with oxidizing & reducing agents.
HAZARDOUS DECOMPOSITION: N.A.
HAZARDOUS POLYMERISATION: None.

SECTION 5 - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: This material is not on flammable.
SPECIAL FIRE HAZARDS: N.A.
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, toxic fumes or flammable vapours may be released from the combustion of the packaging material (Containers, Cartons and palletes).
FIRE FIGHTING MEDIA: In case of combustion of the packaging material, use water, carbon dioxide and chemical powder media. For larger amounts (multiple packages / pallets) of product: self contained breathing apparatus and full protective equipments are recommended.



SECTION 6 - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE:

EYES: Contacts with the eyes and mucous membrane can cause irritation, redness and pain.

SKIN: In normal use, does not cause irritation. However, sensitive individuals may develop minor skin irritation.

INHALATION: N.A.

INGESTION: If ingested, undesirable effects are to be expected due to the presence of Iodine: It will irritate the gastrointestinal track and may cause nausea, headache and alter vision.

EFFECTS OF CHRONIC EXPOSURE:

Prolonged and repeated exposure may occasionally causes skin inflammation and redness. Prolonged and repeated exposure by application on the skin may cause a chronic skin irritation and dry skin.

SECTION 7 - PREVENTATIVE MEASURES

AS NEEDED, APPLY THE APPROPRIATE MEASURES ACCORDING TO THE AMPLITUDE OF EXPOSURE.

SKIN: N.A.

EYES: Avoid any contact with the eyes.

RESPIRATORY TRACT: N.A.

OTHER PROTECTIVE EQUIPMENTS: N.A.

VENTILATION: N.A.

IN CASE OF SPILL OR LEAK: Absorb spills with a neutral absorbing material. Rinse with water.

WASTE DISPOSAL: As dictated by the federal, provincial and municipal, rules.

HANDLING PROCEDURES AND STORAGE REQUIREMENTS: Keep bottle tightly closed and store at room temperature (15 – 30C).

SECTION 8 – FIRST AID MEASURES

EYES: Flush eyes immediately with large volumes of water for 10 minutes. Consult a physician.

SKIN: In case of accidental contact with skin, wash with soap and rinse with water. If irritation appears, it will probably disappear if not, consult a physician.

INHALATION: N.A.

INGESTION: Give water. Do not induce vomiting. In case of non-induced vomiting, lean victim forward to prevent any risk of asphyxia. Never give any liquid to a unconscious person. Get medical attention.

SECTION 9 - OTHER INFORMATION

REVISED IN: September 02, 2016

REPLACE VERSION OF: January 20, 2015

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